

Title (en)

Reducing demand/response effects implementing volt/VAR control

Title (de)

Verringerung von Anfragerreaktionseffekten mit Implementierung von Volt/VAR-Steuerung

Title (fr)

Réduction des effets de demande/réponse mettant en oeuvre un contrôle Volt/VAR

Publication

EP 2525463 A3 20160127 (EN)

Application

EP 12167914 A 20120514

Priority

US 201113108162 A 20110516

Abstract (en)

[origin: EP2525463A2] A method for reducing effects of a demand/response event in a power distribution network can include identifying a load profile in the power distribution network, in response to detecting a peak (311, 313) in the load profile, decreasing voltage in the power distribution network and in response to a detecting a trough (312) in the load profile, increasing the voltage in the power distribution network.

IPC 8 full level

H02J 3/18 (2006.01); **H02J 3/16** (2006.01); **H02J 13/00** (2006.01)

CPC (source: EP US)

H02J 3/16 (2013.01 - EP US); **H02J 3/1828** (2013.01 - EP US); **H02J 13/00016** (2020.01 - EP US); **H02J 13/00028** (2020.01 - EP US); **H02J 13/00034** (2020.01 - EP US); **H02J 13/00017** (2020.01 - EP US); **Y02E 40/30** (2013.01 - EP US); **Y02E 40/70** (2013.01 - EP US); **Y02E 60/00** (2013.01 - EP US); **Y04S 10/00** (2013.01 - EP US); **Y04S 10/22** (2013.01 - EP US); **Y04S 40/124** (2013.01 - EP US)

Citation (search report)

- [I] EP 0923181 A1 19990616 - BECKWITH ROBERT WALLACE [US]
- [A] EP 2296246 A2 20110316 - GEN ELECTRIC [US]
- [A] US 2010114799 A1 20100506 - BLACK JASON WAYNE [US], et al
- [A] US 2010241285 A1 20100923 - JOHNSON JAY T [US], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2525463 A2 20121121; **EP 2525463 A3 20160127**; **EP 2525463 B1 20180321**; CN 102790397 A 20121121; CN 102790397 B 20160316; US 2012296491 A1 20121122; US 9287711 B2 20160315

DOCDB simple family (application)

EP 12167914 A 20120514; CN 201210251136 A 20120516; US 201113108162 A 20110516